

Form PTO-1449 Modified		Docket No. PHOE-0136	Application No. 10/645,723
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Charles Mark Ensor, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date August 21, 2003	Group Not Yet Assigned 1652
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>DR</i>	1	Abstract J04121187: Japanese Application No. 1992-188063, Derwent Publications Ltd., London, GB, April 22, 1992 Same as reference 37	
	2	Harasawa, R. et al., "Nucleotide Sequence of the Arginine Deiminase Gene of <i>Mycoplasma hominis</i> ," <i>Microbiol. Immunol.</i> , 1992, 36(6), 661-665	
	3	Takaku, H. et al., "Anti-tumor Activity of Arginine Deiminase from <i>Mycoplasma arginini</i> and Its Growth-inhibitory Mechanism," <i>Jpn. J. Cancer Res.</i> , September 1995, 86(9), 840-846	
	4	International Search Report dated January 11, 2002, issued in corresponding International Application No. PCT/US01/14116	
	5	Fraser, C. et al., "Borrelia burgdorferi (section 69 of 70) of the complete genome", 12/16/1997, Database Accession no. AE001183, XP-002211866	
	6	Knodler, Leigh A. et al., "Cloning and Expression of a Prokaryotic Enzyme, Arginine Deiminase., from a Primitive Eukaryote <i>Giardia intestinalis</i> ", <i>Journal of Biological Chemistry</i> , 02/20/1998, 273(8), 4470-4477, XP-002211868	
	7	Seffernick, J.L. et al., "Melamine Deaminase and Atrazine Chlorohydrolase: 98 Percent Identical but Functionally Different", <i>J. Bacteriol.</i> , 2001, 183(8), 2405-2410	
	8	Broun, P. et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids", <i>Science</i> , 1998, 282, 1315-1317	
	9	Van de Loo, F.J. et al., "An Oleate 12-hydroxylase from <i>Ricinus Communis L.</i> is a Fatty Acyl Desaturase Homolog" <i>Proc. Natl. Acad. Sci.</i> , 1995, 92, 6743-6747	
<i>DR</i>	10	Sugimura, et al., "High Sensitivity of Human Melanoma Cell Lines to the Growth Inhibitory Activity of Mycoplasmal Arginine Deiminase <i>In Vitro</i> , <i>Melanoma Res.</i> , 1992, 2, 191-196	
EXAMINER	<i>[Signature]</i>		DATE CONSIDERED <i>3/15/06</i>



Form PTO-1449 Modified		Docket No. PHOE-0136	Application No. 10/645,723
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Charles Mark Ensor, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date August 21, 2003	Group Not Yet Assigned 1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M</i>	11	Takaku, et al., "In Vivo Anti-tumor Activity of Arginine Deiminase Purified from <i>Mycoplasma Arginini</i> ", <i>Int. J. Cancer</i> , 1992, 51, 244-249
	12	Miyazaki, et al., "Potent Growth Inhibition of Human Tumor Cells in Culture by Arginine Deiminase Purified from a Culture Medium of a <i>Mycoplasma</i> - infected Cell Line", <i>Cancer Res.</i> , 1990, 50, 4522-4527
	13	J.B. Jones, "The Effect of Arginine Deiminase on Murine Leukemic Lymphobalsts", <i>Ph.D. dissertation, The University of Oklahoma, 1981</i> , 1-169
	14	van Wagtehdonk, et al., "Nitrogen Metabolism in Protozoa", <i>Comparative Biochemistry of Nitrogen Metabolism (J.W. Campbell ed.)</i> , 1970, 1-56
	15	Chang, et al., "Arginase Modulates Nitric Oxide Production in Activated Macrophages", <i>Am. J. Physiol: Heart and Circul. Physiol.</i> , 1998, 274, H342-H348
	16	McDonald, et al., "A Caveolar Complex Between the Cationic Amino Acid Transporter 1 and Endothelial Nitric-oxide Synthase may Explain the "Arginine Paradox", <i>J. Biol. Chem.</i> , 1997, 272, 31213-31216
	17	Misawa, et al., "High Level Expression of <i>Mycoplasma Arginini</i> Deiminase in <i>Escherichia Coli</i> and its Efficient Renaturation as an Anti-Tumor Enzyme", <i>J. of Biotechnol.</i> , 1994, 36, 145-155
	18	Takaku, et al., "Chemical Modification by Polyethylene Glycol of the Anti-Tumor Enzyme Arginine Deiminase from <i>Mycoplasma Argini</i> ", <i>Int. J. Cancer Res.</i> , 1993, 84, 1195-1200
	19	Abuchowski, et al., "Cancer Therapy with Chemically Modified Enzymes. I. Antitumor Properties of Polyethylene Glycol-Asparaginase Conjugates", <i>Cancer Biochem. Biophys.</i> , 1984, 7, 175-186
<i>M</i>	20	Abuchowski, et al., "Effect of Covalent Attachment of Polyethylene Glycol on Immunogenicity and Circulating Life of Bovine Liver Catalase", <i>J. Biol. Chem.</i> , 1977, 252, 3582-3586

EXAMINER

DATE CONSIDERED

31/05/06



Form PTO-1449 Modified		Docket No. PHOE-0136	Application No. 10/645,723
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Charles Mark Ensor, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date August 21, 2003	Group Not Yet Assigned 1652
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>JM</i>	21	Parker, et al., "The Effect of Tumor Size on Concomitant Tumor Immunity", <i>Cancer Res.</i> , 1973, 33(1), 33-39	
	22	Zaplinsky and Lee, "Use of Functionalized Poly(Ethylene Glycol)s for Modification of Polypeptides", <i>Poly(Ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications</i> (J.M. Harris, ed., Plenum Press, NY), 1992, Chapter 21, 247-370	
	23	Fenske, J.D., et al. "Role of Arginine Deiminase in Growth of <i>Mycoplasma hominus</i> ", <i>J. Bacteriol.</i> , 1976, 126, 501-510	
	24	Lang, K. et al., "Catalysis of Protein Folding by Prolyl Isomerase", <i>Nature</i> , 1987, 329, 268-270	
	25	Craig, S. et al., "Single Amino Acid Mutations Block a Late Step in the Folding of B-Lactamase from <i>Staphylococcus aureus</i> ", <i>J. Mol. Biol.</i> , 1985, 185, 681-687	
<i>JM</i>	26	Joppich, et al., "Peptides Flanked by Two Polymer Chains, 1-Synthesis of Glycl-L-tryptophylglycine Substituted by Poly(ethylene oxide) at both the Carboxy and the Amino End Groups", <i>Macromol. Chem.</i> , 1979, 180, 1381-1385	
EXAMINER	<i>JBL</i>		
	DATE CONSIDERED 3/15/06		



Form PTO-1449 Modified	Docket No. PHOE-0136	Application No. 10/645,723
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Charles Mark Ensor, et al.	
U.S. Department of Commerce Patent and Trademark Office	Filing Date August 21, 2003	Group Not Yet Assigned 1652

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation	
				YES	NO
DR	33 EP 0 414 007 A2	02/27/91	EP O		
	34 EP 0 897 011 A2	02/17/99	EP O		
	35 WO 98/33519	08/06/98	WIPO		
	36 WO 98/51784	11/19/98	WIPO		
DR	37 JP 3 209 338 B2	09/17/01	Japan	X (Abstract)	

EXAMINER

[Signature]

DATE CONSIDERED

3/15/06